10692227

PLUS Search Results for S/N 10692227 Searched May 23, 2007.
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U.S. Patents from 1971 to present. PLUS is a query-by-example search system which
produces a list of patents that are most closely related linguistically to the
application searched. This search was prepared by the staff of the Scientific and
Technical Information Center, SIRA.

20050091255
20050203950
20060015490
20060074965
20050289160
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20060041574
20060064412
6941316
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20050091231
20050120048
20050177551
20050198001
20050198013
20050198016
20050198019
20050177581
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5937406
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6405193
6424964
6327585
20050050074
6789074
6938044
7035874
7174347
7174553
5737736
4931928
5295256
5418943
5455945
5542078
5727197
5732274
5758145

Titles of most frequently occurring classifications of patents returned
from a search of 10692227 on May 23 , 2007

13 707/2   (5 OR, 8 XR)
          Class 707   DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
          707/1   .DATABASE OR .FILE ACCESSING
          707/2   ..Access augmentation or optimizing

10 707/100   (8 OR, 2 XR)
          Class 707   DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
          707/100   .DATABASE SCHEMA OR DATA STRUCTURE

10 707/3   (5 OR, 5 XR)
          Class 707   DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
          707/1   .DATABASE OR FILE ACCESSING
          707/3   ..Query processing (i.e., searching)

 9 707/102   (5 OR, 4 XR)
          Class 707   DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
          707/100   .DATABASE SCHEMA OR DATA STRUCTURE
          707/102   ..Generating database or data structure (e.g., via user
interface)

 8 707/4   (3 OR, 5 XR)
          Class 707   DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
          707/1   .DATABASE OR FILE ACCESSING
          707/3   ..Query processing (i.e., searching)
          707/4   ...Query formulation, input preparation, or translation

 6 707/103R   (6 OR, 0 XR)
          Class 707   DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
          707/100   .DATABASE SCHEMA OR DATA STRUCTURE
          707/103R   ..Object-oriented database structure

 6 707/1   (4 OR, 2 XR)
          Class 707   DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
          707/1   .DATABASE OR FILE ACCESSING

 6 707/10   (1 OR, 5 XR)
          Class 707   DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
          707/1   .DATABASE OR FILE ACCESSING
          707/10   ..Distributed or remote access

 5 707/101   (3 OR, 2 XR)
          Class 707   DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
          707/100   .DATABASE SCHEMA OR DATA STRUCTURE
          707/101   ..Manipulating data structure (e.g., compression,
compaction, compilation)

 3 707/200   (0 OR, 3 XR)
          Class 707   DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
          707/200   .FILE OR DATABASE MAINTENANCE

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3  707/104.1      (2 OR, 1 XR)
          Class 707      DATA PROCESSING:  DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
          707/100        .DATABASE SCHEMA OR DATA STRUCTURE
          707/104.1      ..Application of database or data structure (e.g.,
distributed, multimedia, image)

2  707/6          (0 OR, 2 XR)
          Class 707      DATA PROCESSING:  DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
          707/1          .DATABASE OR FILE ACCESSING
          707/3          ..Query processing (i.e., searching)
          707/6          ...Pattern matching access

2  707/7          (0 OR, 2 XR)
          Class 707      DATA PROCESSING:  DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
          707/1          .DATABASE OR FILE ACCESSING
          707/7          ..Sorting

2  717/100        (2 OR, 0 XR)
          Class 717      DATA PROCESSING: SOFTWARE DEVELOPMENT, INSTALLATION, AND
MANAGEMENT
          717/100        .SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G., INTEGRATED CASE
TOOL OR STAND-ALONE DEVELOPMENT TOOL)

2  707/8          (2 OR, 0 XR)
          Class 707      DATA PROCESSING:  DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
          707/1          .DATABASE OR FILE ACCESSING
          707/8          ..Concurrency (e.g., lock management in shared database)

2  707/204        (0 OR, 2 XR)
          Class 707      DATA PROCESSING:  DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
          707/200        .FILE OR DATABASE MAINTENANCE
          707/201        ..Coherency (e.g., same view to multiple users)
          707/204        ...Archiving or backup

2  717/143        (1 OR, 1 XR)
          Class 717      DATA PROCESSING: SOFTWARE DEVELOPMENT, INSTALLATION, AND
MANAGEMENT
          717/100        .SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G., INTEGRATED CASE
TOOL OR STAND-ALONE DEVELOPMENT TOOL)
          717/136        ..Translation of code
          717/140        ...Compiling code
          717/141        ....Analysis of code form
          717/143        .....Parsing, syntax analysis, and semantic analysis
```

Most frequently occurring classifications of patents returned
from a search Of 10692227 on May 23 , 2007

Original Classifications
```
8    707/100
6    707/103R
5    707/102
5    707/3
5    707/2
4    707/1
3    707/4
3    707/101
2    717/100
2    707/8
2    707/104.1
```

Cross-Reference Classifications
```
8    707/2
5    707/4
5    707/3
5    707/10
4    707/102
3    707/200
2    707/100
2    707/1
2    707/101
2    707/6
2    707/7
2    707/204
```

Combined Classifications
```
13    707/2
10    707/100
10    707/3
 9    707/102
 8    707/4
 6    707/103R
 6    707/1
 6    707/10
 5    707/101
 3    707/200
 3    707/104.1
 2    707/6
 2    707/7
 2    717/100
 2    707/8
 2    707/204
 2    717/143
```

ability 6
above 7
access 17
accessed 1
accessible 1
accompanying 1
accomplished 1
achieve 1
achieved 1
acted 1
actual 1
added 3
addition 2
additional 4
address 1
adds 1
ado 2
advantage 2
advantages 1
aforementioned 1
again 1
against 3
agent 1
aka 1
allocate 1
allocating 1
allow 3
allows 1
alone 1
along 1
although 1
american 1
among 1
analysis 1
annotate 2
annotated 5
annotates 1
annotating 1
annotations 1
ansi 1
any 4
api 9
apis 1
apparent 1
appended 1
application 21
applications 6
architecture 2
area 1
arguments 1
arrays 2
aspect 2
aspects 1
assembly 4
assigned 2
associated 1
assumed 1
assumes 1
attorney 2
attribute 10
attributes 2
audio 3
aug 1

available 1
aware 1
background 1
backslash 1
band 4
based 1
baseitem 5
basic 3
become 1
behavior 6
behaviors 7
below 2
benefits 1
better 1
between 8
birthday 1
bit 1
bits 1
block 6
both 2
brief 1
business 1
but 1
call 3
called 2
calls 2
can 23
capabilities 11
capability 3
case 1
cell 2
cells 2
certain 4
change 1
changes 1
character 3
characteristics 1
class 21
classes 1
client 1
close 2
clr 27
code 18
collections 2
column 8
combination 1
commands 2
common 3
commonly 2
compilation 1
compiled 2
complex 1
component 1
components 1
comprehensive 1
computation 1
computer 9
computing 2
conceptually 1
conjunction 1
constructor 1
consumers 1
contacts 2

```
containing  6
contains  1
context  2
contexts  1
controls  1
convenience  1
conversion  1
convert  1
copy  1
corporation  1
create  11
created  6
creating  1
creation  1
criteria  2
cursors  1
custom  6
data  65
database  65
databases  1
datalink  5
datalinks  4
date  1
dec  1
declare  1
declaring  1
decorated  1
deep  1
define  1
defined  35
defines  6
defining  2
definition  18
definitions  1
delegate  1
delete  3
demotion  1
denotes  1
deploying  1
deployment  1
describe  1
describes  1
description  6
deserialization  1
designate  2
designated  5
designed  1
desirable  4
detailed  3
determined  2
developer  1
developers  3
development  2
device  1
devices  1
diagram  9
different  2
difficult  1
digital  2
direct  2
directed  1
directives  2
disadvantageous  1
```

```
disclosed  1
disclosure  1
discussed  3
disk  3
dll  2
docket  2
documents  2
drawings  5
dynamic  1
eaddresses  1
efficient  1
embodied  3
embodiments  3
embraces  1
enable  1
enables  4
enabling  2
encapsulation  1
enforced  1
enforcing  1
engine  7
enhance  1
enterprises  1
entire  1
entirety  2
entitled  2
environment  4
equivalent  3
establishing  1
etc  9
etl  1
every  1
example  10
excels  1
exception  2
executed  2
executes  1
executing  1
execution  2
exemplary  8
existed  1
existing  3
exists  2
expose  1
exposes  1
expression  2
extend  2
extending  1
extends  1
extensible  1
extension  1
extensions  3
extensive  1
external  4
extraction  1
facets  1
facilitates  1
feature  4
features  4
field  23
fields  16
figures  1
file  40
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filed  2
files  1
filestream  1
finally  1
findall  2
first  2
fledged  1
following  8
follows  4
foregoing  1
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format  2
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forming  1
forms  1
forth  1
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framework  3
ftp  1
full  3
fully  2
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functional  2
functions  1
fundamental  1
furthermore  1
generate  1
generates  1
given  4
globally  1
greater  1
guid  1
handling  2
hard  1
hardware  1
heart  1
hereby  2
heretofore  1
herewith  1
how  1
http  1
hydrating  1
hydration  2
ibm  1
identifier  3
identifies  1
identity  2
iec  2
ifs  2
illustrated  3
illustrates  2
illustrating  10
images  3
implement  1
implementation  2
implemented  9
implementing  2
implements  1
impossible  1
improvements  1
include  1
includes  1
including  7
```

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incorporated  2
individual   1
info   1
information   4
inherent   1
initiate   1
insert   2
inside   1
instance   8
instances   7
instantiate   2
instantiated   2
institute   1
instrumentalities  1
integral   2
integrated   3
integration   6
intelligence   1
intended   2
interaction   1
interface   4
interfaces   1
internal   1
international   1
interoperability   2
inullable   1
invocation   1
invoke   2
invoked   1
invoking   2
iso   3
item   23
itemid   1
items   14
java   1
jit   1
just   1
jvm   1
key   1
kinds   1
knowledge   1
language   5
languages   2
large   6
layout   1
least   2
lets   1
leverage   1
leverages   1
library   1
like   1
limitation   1
limited   2
limiting   1
lines   2
link   5
listing   1
load   1
loaded   1
loading   1
location   1
locations   2
logic   1
```

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loops  1
machine  2
maintains  2
makes  1
managed  17
management  4
manager  2
managing  1
manipulation  1
manner  5
marked  1
matching  1
may  18
mechanism  3
med  1
meet  1
memory  3
method  8
methods  5
metropolitanregion  1
microsoft  7
middle  2
model  7
modem  1
modify  2
more  9
moreover  2
move  1
msft  2
must.  7
mytable  4
name  3
named  2
national  1
need  3
needs  2
neighborhood  1
net  10
network  1
new  5
notification  1
ntfs  1
null  1
number  1
object  30
objects  7
occupy  1
offering  1
offers  1
ole  1
once  3
one  8
ones  1
only  2
open  5
operating  1
operation  1
operations  1
operators  1
opposed  1
optimize  1
oracle  2
order  3
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organization 2
organizing 1
out 4
outside 10
over 2
parameters 1
parse 1
part 4
partial 1
particular 2
patent 2
path 3
pending 4
people 2
perform 1
persisted 16
persistence 1
person 7
perspective 1
physical 1
platform 28
point 1
postaladdresses 1
powerful 2
precision 1
predicate 1
previous 1
process 4
product 3
program 1
programmers 1
programming 7
programs 7
promotion 1
properties 3
property 1
proposed 2
proposes 1
protocols 1
providing 1
provision 1
public 3
purpose 2
queries 1
query 11
read 1
readily 1
real 1
reasons 1
receive 1
received 2
recently 1
refer 1
reference 10
referenced 1
references 2
referred 7
referring 1
regular 1
related 1
relates 1
relational 8
relationships 4

replication 1
represent 1
represented 1
representing 2
request 2
required 1
requirements 1
respective 4
results 1
retrieve 4
retrieved 1
retrieving 1
return 1
returned 1
returns 5
rich 1
routine 1
rules 1
runs 1
runtime 2
safety 1
same 1
satisfies 1
satisfy 3
scalar 1
scale 1
schema 3
schemas 4
schematized 1
script 2
search 3
searching 2
second 1
section 1
security 3
segment 2
select 1
separate 2
separately 2
ser 3
serializable 1
serialization 3
serialized 3
server 26
service 4
services 5
set 4
shared 1
sharing 3
shifting 1
shown 4
side 1
size 1
smb 1
smtp 1
software 3
solely 1
solution 1
sometimes 2
sorts 1
sources 1
specific 3
specifically 4

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specified  3
sql  28
sqlstring  1
sqludtfield  4
sqludtproperty  4
sqluserdefinedtypeattribute  1
standard  2
standards  2
state  1
statement  2
step  4
still  2
storage  35
store  54
stored  21
stores  2
storing  7
string  3
strong  1
structural  3
structurally  1
structure  1
structured  2
subject  1
submit  1
submits  1
suited  1
summary  2
support  6
supported  1
supports  2
surface  1
synchronization  3
system  26
systems  4
table  11
tables  2
take  1
takes  2
tasks  2
technology  1
terms  1
test  3
them  3
thread  1
through  2
tier  2
time  1
tool  1
tools  3
tostring  1
track  1
tracking  1
traditional  3
transact  7
transferred  1
transformation  1
translate  1
translates  1
triggers  1
turns  1
two  2
type  57
```

```
types   14
udt   41
udts   5
ultimately   2
underlying   2
understandable   1
understood   1
uniform   1
unique   2
unit   1
units   3
updating   1
upon   2
used   9
user   19
users   1
uses   2
using   10
usual   2
utilities   1
utilize   1
value   5
values   6
variables   2
variety   2
versions   1
via   8
video   3
view   1
virtual   2
visual   3
vmm   1
way   3
well   6
whereas   1
win   1
windows   3
winfs   14
within   9
without   4
workers   1
world   1
wraps   1
write   1
writing   1
```